

ABSTRACT

There is provided an optical disc recording apparatus containing a small-area circuit that is adaptable to both of the formats of DVD-R/RW and +RW/+R standards.

The apparatus is provided with a circuit (106) for converting a 32T-cycle binarized wobble signal based on the +RW/+R standard into a 186T-cycle binarized wobble signal based on the DVD-R/RW standard, and the converted 186T-cycle binarized wobble signal is selected with a selector (108) during +RW/+R recording while the 186T-cycle binarized wobble signal is selected during DVD-R/RW recording, whereby subsequent PLL circuits are shared to reduce the circuit scale.